

COAL ASH MANAGEMENT COMMISSION REPORT

MICHAEL JACOBS

CAMC CHAIRMAN

DECEMBER 10, 2014



Legislation SB 729

"§ 130A-309.202. Coal Ash Management Commission.

(a) Creation. – In recognition of the complexity and magnitude of the issues associated with the management of coal combustion residuals and the proper closure and remediation of coal combustion residuals surface impoundments, the Coal Ash Management Commission is hereby established.

...

(f) Powers and Duties. – The Commission shall have all of the following powers and duties:

- (1) To review and approve the classification of coal combustion residuals surface impoundments required by G.S. 130A-309.211.
- (2) To review and approve Coal Combustion Residuals Surface Impoundment Closure Plans as provided in G.S. 130A-309.212.
- (3) To review and make recommendations on the provisions of this Part and other statutes and rules related to the management of coal combustion residuals.
- (4) To undertake any additional studies as requested by the General Assembly.



CAMC Commissioners

- 8 commissioners sworn in November 14th
- 1 vacant position (Senate appointee)



CAMC Positions

- **Executive Director** – Natalie Birdwell,
(retained November 8, 2014)
- **Analyst** (Legal Counsel) – Lisa Schneider of
Schneider Boerema, Personal Service
Agreement (November 1, 2014)



CAMC Positions

- **Engineer** (Technician): Request for Proposal in draft; seeking multiple engineering subject matter expertise
- **Community Relations** (Analyst): Job description is in development now that ED is on board
- **Administrative**: Will hire temp until full time position filled



Initial Meeting: November 2014

- Operating according to SB 729 despite November 13th lawsuit
- 8 commissioners sworn in on November 14th
- Meeting covered general information on commission service and introduction to subject matter content



Future Meetings

- To be held bi-monthly at locations across the state for first year
- Locations: University campuses
- Focus on science, economics and safety

Purpose of 2015 meetings:

- Provide working information for education to commissioners prior to decision making



Site Visits

Chairman

- Sutton
- Cape Fear (Moncure)
- Roxboro
- Asheville

Commissioners

- Visit at least 1 site prior to January meeting



www.camc.nc.gov

- Pages :
 - Commissioners
 - Staff
 - About Coal Ash
 - Meetings
 - Statements & Reports
 - News
- Will include links to Classification and Closure information/plans as developed
- Site will become a portal for coal ash subject matter





North Carolina **Coal Ash Management Commission**

This Commission was established to oversee the management of coal ash residuals throughout the state of North Carolina, which is the first state to adopt legislation for this purpose. Specifically, the Commission is charged to address the following:



CLASSIFICATION

Review and approve the classification of coal ash impoundments



CLOSURE

Review and approve the closure plans for coal ash sites



STATUTES & RULES

Review and make recommendations on statutes and rules related to the management of coal ash



ABOUT COAL ASH

Everything you want to know about Coal Ash

[Home](#) / [About Coal Ash](#)



WHAT IS COAL ASH?

Learn what coal ash is and how it is generated.
This section is Under Construction



NC COAL ASH SITES

Learn where coal ash is stored in North Carolina, along with details about each site



ENVIRONMENTAL CONCERNS

Learn what substances coal ash may contain and how it can affect the environment.
This section is Under Construction



SAFE USES FOR COAL ASH


Learn how Coal Ash can be used in beneficial ways, such as in building products.
This section is Under Construction

Working toward a greener North Carolina





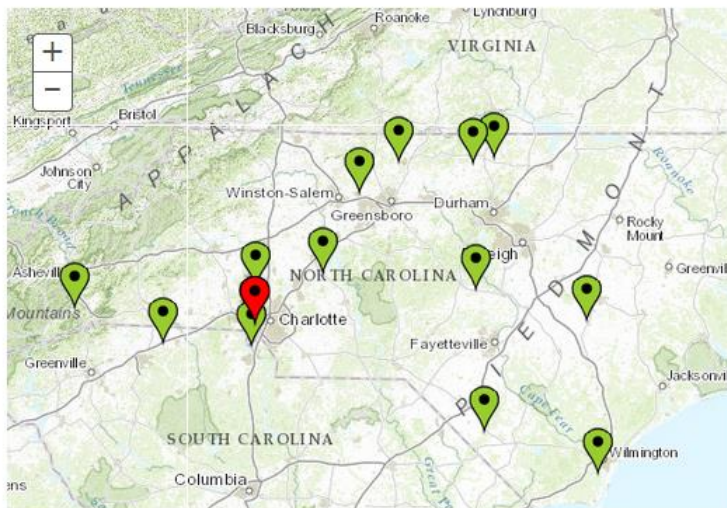
NORTH CAROLINA COAL ASH SITES

 Hover over the locations to view information.

[Home](#) / [About Coal Ash](#) / [NC Coal Ash Sites](#)

COAL ASH SITES

- Asheville Power Station
- Belews Creek Steam Station
- Buck Power Station
- Cape Fear Power Station
- Dan River Power Station
- G. G. Allen Power Station
- James E. Rogers Energy Complex (Cliffside)
- L. V. Sutton Power Station
- Lee Power Station
- Marshall Steam Station
- Mayo Power Station
- Riverbend Power Station
- Roxboro Power Station
- W. H. Weatherspoon Power Station



Riverbend Steam Station



Mount Holly, NC

This site was built in 1952 and is currently **Retired**.

The site is located in Gaston County, NC and is owned by **Duke Energy Corp.**

The site has 4 coal ash impoundments, covering approximately 69 acres.

The site is near the Catawba River/ Mountain Island Lake in the Santee river basin.





MEETINGS

Meetings of the North Carolina Coal Ash Commission

[Home](#) / [Meetings](#)

14
Nov



FIRST MEETING OF THE COAL ASH MANAGEMENT COMMISSION

🕒 9:00 A.M. / 📍 Friday Center for Continuing Education, Chapel Hill, NC

The agenda for the first meeting will be orientation for the new commissioners, including presentations on open meetings and public records law; the Coal Ash Management Act (Session Law 2014-122); and issues surrounding coal ash disposal.

[Agenda](#)

[Presentation](#)

[Chairman's Statement](#)

UPCOMING MEETINGS (TENTATIVE)

January 14, 2015

N.C.S.U. McKimmon Center, Raleigh

March 2015

N.C. A&T State University, Greensboro

May 2015

U.N.C.C., Charlotte

July 2015

U.N.C.W., Wilmington

September 2015

U.N.C.A., Asheville



Deliverables

- Beneficial use study was due December 1st
- 2 weeks prior to deadline: no staff or sworn commissioners
- Collaboration with Environmental Management Commission on possible uses
- CAMC report to focus more on economics—what is “practical” as opposed to “possible”
- Requesting extension



Questions



APPENDIX



Commissioners

MICHAEL JACOBS

Chapel Hill & Wilmington

Michael Jacobs is a professor at UNC's MBA school where he teaches the courses on Corporate Governance and Business & Government. He is the CEO and founder of Jacobs Capital, a merger advisory business based in Chapel Hill. Professor Jacobs serves on several for-profit and non-profit boards, including Biscuitville, K2 Solutions, and the \$90 billion state pension fund. He was formerly Director of Corporate Finance and Corporate Governance Policy at the U.S. Treasury Department, and is a graduate of UNC and Harvard Business School. He resides in Wilmington and Chapel Hill.

Michael.Jacobs@camc.nc.gov

HARREL JAMISON AUTEN III

Mecklenburg County

Auten is the retired vice president of sales and marketing for Waste Industries. With over 40 years of experience in the solid waste industry, he is in the seat requiring experience in waste management.

Jim.Auten@camc.nc.gov



Commissioners

TIM BENNETT

Wake/Durham County

Bennett is vice president for wholesale rates, billing and settlement for the N.C. Electric Membership Corporation. Prior to joining NCEMC, he was VP of Business Operations for GreenCo Solutions. He also was the East Regional Director of Marketing for ACES Power Marketing. He is a graduate of West Virginia University Institute of Technology.

Tim.Bennett@camc.nc.gov

LARRY COBB

Chapel Hill

Cobb is of counsel with Nexsen Pruet, where he practices in the area of utility regulatory law. He was formerly the minority leader of both the North Carolina State House and Senate. He has also served on the North Carolina Utilities Commission.

Cobb is in the seat requiring expertise in determining and evaluating the costs associated with electricity generation and establishing the rates associated with electricity consumption.

Larry.Cobb@camc.nc.gov



Commissioners

HERBERT M. ECKERLIN

Wake County

Eckerlin is a professor and senior extension specialist at the Department of Mechanical & Aerospace Engineering at N.C. State. He designed and built the NCSU Solar House on the N.C. State campus, founded the North Carolina Solar Center, and is a member and former treasurer of the North Carolina Sustainable Energy Association. He is in the seat requiring experience in science or engineering in the manufacturing sector.

Herbert.Eckerlin@camc.nc.gov

DR. D. ALLEN HAYES

Wake County

Hayes is a pulmonologist for Duke Raleigh and Rex Hospitals. He received his medical degree from University of Virginia School of Medicine and has been in practice for 42 years. He has extensive experience in occupational lung disease and coal worker pneumoconiosis. He fills the seat requiring a physician or public health professional.

Allen.Hayes@camc.nc.gov



Commissioners

RAJARAM JANARDHANAM, PH.D.

Mecklenburg County

Janardhanam is a Civil Engineering professor at UNC-Charlotte. He has done research on geotechnical and geoenvironmental engineering; liquefaction of soils; pollution migration through soils, and flowable flyash. He earned his Ph.D. in Civil Engineering at Virginia Polytechnic Institute & State University and his master's in Civil Engineering at Annamalai University in India.

Rajaram.Janardhanam@camc.nc.gov

LISA DIAZ RIEGEL

Wake County

Riegel most recently served as executive director of the Natural Heritage Trust Fund (grant program for conservation of lands with significant natural and/or cultural heritage value) and currently advocates for better promotion and support of our state's trails and greenways. A hydrogeologist, she has over 15 years of experience managing the investigation, closure and remediation of waste management units primarily for DuPont. Riegel is in the seat for a member of a nongovernmental conservation interest.

Lisa.Riegel@camc.nc.gov



2015 Tentative Meeting Schedule

JANUARY 14, 2015

NORTH CAROLINA STATE UNIVERSITY
MCKIMMON CENTER
RALEIGH, NC

MARCH 2015

NORTH CAROLINA A&T UNIVERSITY (TENTATIVE)
GREENSBORO, NC

MAY 2015

UNIVERSITY OF NORTH CAROLINA - CHARLOTTE (TENTATIVE)
CHARLOTTE, NC

JULY 2015

UNIVERSITY OF NORTH CAROLINA – WILMINGTON (TENTATIVE)
WILMINGTON, NC

SEPTEMBER 2015

UNIVERSITY OF NORTH CAROLINA – ASHEVILLE (TENTATIVE)
ASHEVILLE, NC

NOVEMBER 2015 (TBD)



November Agenda



North Carolina Department of Public Safety Emergency Management – Coal Ash Management Commission

Pat McCrory, Governor
Frank L. Perry, Secretary

Michael T. Jacobs, Chairman
Kenneth W. Ashe, P.E., Interim Executive Director

Coal Ash Management Commission Meeting Agenda

November 14, 2014, 8:00 a.m. to 3:30 p.m.

9:00 a.m.	Welcome and Introductions of Commissioners & Staff	Michael Jacobs, CAMC Chair
9:15 a.m.	Ethics Requirements, Open Meeting Law & Public Records	Will Polk, NCDPS Legal Counsel
9:35 a.m.	Update on Office Operations	Ken Ashe, NCEM
9:45 a.m.	Communications & Media	Pamela Walker, NCDPS Communications Director
10:00 a.m.	Overview of Coal Ash Legislation Requirements & Responsibilities of the Commission	Lisa Schneider, CAMC Legal Counsel
11:00 a.m.	Break	
11:15 a.m.	Swearing In of Commissioners	Justice Newby
11:30 a.m.	Overview of Coal Ash Production & Storage; Coal Ash Storage Facilities – location and status	Richard Baker, Director of Water & Natural Resources, Duke-Energy
12:30 p.m.	Working Lunch	
12:45 p.m.	State and Federal Rules & Regulation regarding Coal Ash Tom Reeder, Director, Division of Water Quality Linda Culpepper, Director, Division of Waste Management Toby Vinson, Chief of DEMLR Land Quality Section	Minch Gillespie, Assistant Secretary, DENR
1:30 p.m.	Dam Safety and Risks	Steve McEvoy, Dam Safety Engineer, DENR
2:00 p.m.	Risks to groundwater near sites	Jay Zimmerman, Section Chief, Water Quality Regional Operations, DENR
2:30 p.m.	Unauthorized Surface Water Discharges	Jeff Poupard, Section Chief Division of Water Resources Water Quality Permitting
3:00 p.m.	Disposal options	Richard Baker
3:30 p.m.	Adjourn	

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